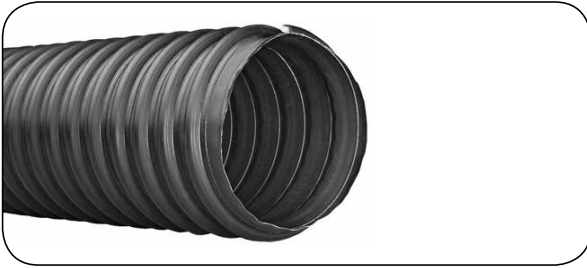


# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### P-G-EX 1

**Material:** Black TPE-coated polyester fabric  
**Reinforcement:** Nylon helix, wear strip profile for abrasion resistance  
**Working temp.:** From -40°C up to +150°C (with peaks up to +170°C)

Lightweight, flexible hose designed to transfer exhaust fumes of petrol and diesel engines at high temperatures. Crush recoverable and suitable for hose reel systems. Other diameters available in the range of 35 ÷ 200 mm.

code	I.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SC-PGEX1-040	40	0.65	80	0.25	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-050	50	0.5	85	0.41	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-065	65	0.35	100	0.53	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-075	75	0.15	105	0.69	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-090	90	0.12	175	0.83	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-100	100	0.1	190	0.87	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-125	125	0.08	250	1.20	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-150	150	0.06	300	1.44	5 - 7.5 - 10 - 15 - 20
SC-PGEX1-200	200	0.04	400	1.83	5 - 7.5 - 10 - 15 - 20



### FLEXOCOND

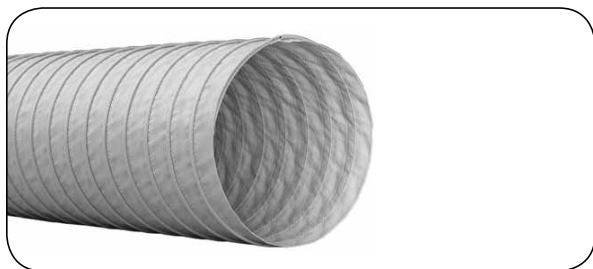
**Material:** Black, conductive elastomer PE  
**Working temp.:** From -20°C up to +60°C

Very lightweight, very flexible, crush recoverable hose designed to remove dust, polluted air, smoke, yarn and other lightweight products. Widely used for industrial vacuum cleaners. The hose is conductive ( $R < 10^4 \Omega$ ), and thus prevents static buildup but only if properly and effectively grounded.

code	I.D. [mm]	O.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
ME-FLEXOCOND-25	25	32.4	0.78	38	0.16	30
ME-FLEXOCOND-32	32	40.4	0.78	63	0.21	30
ME-FLEXOCOND-38	38	48	0.69	70	0.30	30
ME-FLEXOCOND-50	50	60.5	0.59	80	0.40	30
ME-FLEXOCOND-76	76	87.5	0.39	200	0.75	15

# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### P 2 A 1000

**Material:** Grey, PVC-coated polyester fabric  
**Wall thickness:** 0.4 mm  
**Reinforcement:** Steel wire helix  
**Working temp.:** From -30°C up to +80°C  
 (with peaks up to +100°C)

Lightweight, very flexible, self-extinguishing hose designed to remove welding fumes and for air-conditioning installations. Other diameters available in the range of 25 ÷ 800 mm.

code	I.D. [mm]	wire [mm]	working pressure [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
SC-P2A1000-030	30	1	0.9	0.25	21	0.10	10
SC-P2A1000-040	40	1	0.9	0.20	28	0.11	10
SC-P2A1000-050	50	1	0.8	0.20	35	0.13	10
SC-P2A1000-060	60	1	0.8	0.16	42	0.16	10
SC-P2A1000-070	70	1	0.7	0.14	49	0.20	10
SC-P2A1000-075	75	1	0.6	0.10	53	0.22	10
SC-P2A1000-080	80	1	0.6	0.10	56	0.24	10
SC-P2A1000-090	90	1	0.5	0.09	63	0.27	10
SC-P2A1000-100	100	1.2	0.5	0.09	70	0.30	10
SC-P2A1000-120	120	1.2	0.5	0.08	85	0.35	10
SC-P2A1000-125	125	1.2	0.5	0.08	88	0.38	10
SC-P2A1000-140	140	1.2	0.35	0.06	95	0.42	10
SC-P2A1000-150	150	1.2	0.2	0.06	105	0.45	10
SC-P2A1000-175	175	2	0.2	0.05	123	0.63	10
SC-P2A1000-200	200	2	0.2	0.05	140	0.72	10
SC-P2A1000-250	250	2	0.1	0.04	175	0.90	10
SC-P2A1000-300	300	2	0.06	0.03	210	1.08	10
SC-P2A1000-350	350	2	0.05	0.02	245	1.26	10
SC-P2A1000-400	400	2	0.04	0.02	280	1.45	10
SC-P2A1000-450	450	2	0.03	0.01	315	1.63	10
SC-P2A1000-500	500	2	0.02	0.01	350	1.82	10

Other colours are also available.

Code examples:

SC-P2A1000-030BK	- black
SC-P2A1000-030Y	- yellow
SC-P2A1000-030BL	- blue
SC-P2A1000-030W	- white

# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### OREGON

**Material:** Grey PVC

**Reinforcement:** PVC helix

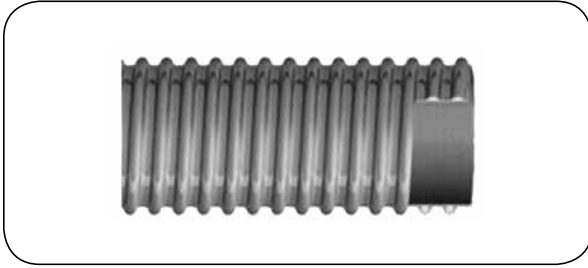
**Working temp.:** From -10°C up to +60°C

Lightweight, flexible, smooth bore hose designed for extraction of dust, yarns, polluted air, fumes, etc. Self-extinguishing according to UL 94 V2.

code	I.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
ME-OREGON-020	20	0.5	20	0.15	50
ME-OREGON-025	25	0.5	25	0.19	50
ME-OREGON-030	30	0.5	30	0.23	50
ME-OREGON-032	32	0.5	32	0.24	50
ME-OREGON-035	35	0.5	35	0.28	50
ME-OREGON-038	38	0.5	38	0.31	50
ME-OREGON-040	40	0.4	40	0.33	50
ME-OREGON-045	45	0.4	45	0.37	50
ME-OREGON-050	50	0.4	50	0.44	50
ME-OREGON-060	60	0.4	60	0.56	50
ME-OREGON-063	63	0.4	63	0.60	50
ME-OREGON-070	70	0.4	70	0.66	50
ME-OREGON-075	75	0.4	75	0.75	50
ME-OREGON-080	80	0.4	80	0.79	30
ME-OREGON-090	90	0.4	90	0.90	30
ME-OREGON-100	100	0.4	100	1.01	30
ME-OREGON-110	110	0.4	110	1.15	30
ME-OREGON-120	120	0.4	120	1.30	30
ME-OREGON-125	125	0.4	125	1.36	30
ME-OREGON-130	130	0.4	130	1.44	30
ME-OREGON-140	140	0.4	140	1.60	30
ME-OREGON-150	150	0.4	150	1.76	30
ME-OREGON-160	160	0.4	160	1.93	20
ME-OREGON-180	180	0.4	180	2.30	20
ME-OREGON-200	200	0.4	200	2.65	20
ME-OREGON-250	250	0.4	250	3.60	15
ME-OREGON-300	300	0.4	300	4.50	10

# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### LIGHTFLEX

**Material:** Grey, soft PVC  
**Reinforcement:** Hard PVC helix  
**Working temp.:** From -15°C up to +50°C

Lightweight, flexible, smooth bore hose designed to extract dust, smoke, yarns, polluted air, etc. Suitable for condensation draining in air-conditioning systems as well as protection of assemblies and cables. Self-extinguishing according to UL 94 V2.

code	I.D. [mm]	O.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
FT-LIGHTFLEX-019	19	23.8	0.3	19	0.11	50
FT-LIGHTFLEX-025	25	30	0.3	25	0.14	50
FT-LIGHTFLEX-030	30	35.4	0.3	30	0.20	50
FT-LIGHTFLEX-032	32	37.4	0.3	32	0.22	50
FT-LIGHTFLEX-035	35	40.6	0.3	35	0.24	50
FT-LIGHTFLEX-038	38	44.2	0.3	38	0.27	50
FT-LIGHTFLEX-040	40	46.4	0.3	40	0.28	50
FT-LIGHTFLEX-050	50	57	0.3	50	0.45	50
FT-LIGHTFLEX-060	60	67.6	0.2	60	0.54	50
FT-LIGHTFLEX-063	63	70.8	0.2	63	0.57	50
FT-LIGHTFLEX-070	70	78.2	0.2	70	0.64	50
FT-LIGHTFLEX-076	76	84.4	0.2	76	0.69	50
FT-LIGHTFLEX-080	80	88.6	0.2	80	0.78	50
FT-LIGHTFLEX-090	90	99.2	0.2	90	0.93	50
FT-LIGHTFLEX-100	100	109.4	0.2	100	0.98	30
FT-LIGHTFLEX-110	110	119.8	0.1	110	1.10	30
FT-LIGHTFLEX-120	120	130	0.1	120	1.20	30
FT-LIGHTFLEX-125	125	135.2	0.1	125	1.25	30
FT-LIGHTFLEX-130	130	140.2	0.1	130	1.40	30
FT-LIGHTFLEX-140	140	150.2	0.1	140	1.50	30
FT-LIGHTFLEX-150	150	161.8	0.1	150	1.70	30

# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### PLS

**Material:** Special PVC-coated polyester fabric  
**Wall thickness:** 0.3 mm  
**Reinforcement:** Steel wire helix  
**Working temp.:** From -20°C up to +100°C

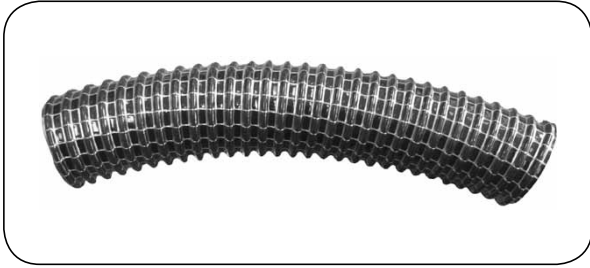
Lightweight, highly flexible, flame retardant hose designed for air-conditioning systems or hot and cold air transfer to tents and buildings. Available as a standard with soft ends (see picture above). On request supplied in different colours or with steel rope end rings that allow connection of the hose for required length with the use of coupling bands.

code*	I.D. [mm]	working pressure [bar]	bending radius [mm]	weight [kg/m]
ND-PLS-0152-...	152	0.64	152	1.10
ND-PLS-0180-...	180	0.6	180	1.16
ND-PLS-0203-...	203	0.55	203	1.20
ND-PLS-0229-...	229	0.5	229	1.28
ND-PLS-0254-...	254	0.45	254	1.35
ND-PLS-0305-...	305	0.35	305	1.44
ND-PLS-0357-...	357	0.3	357	1.83
ND-PLS-0408-...	408	0.25	408	2.05
ND-PLS-0425-...	425	0.24	425	2.76
ND-PLS-0457-...	457	0.23	457	2.97
ND-PLS-0508-...	508	0.2	508	3.30
ND-PLS-0525-...	525	0.19	525	3.94
ND-PLS-0560-...	560	0.18	560	4.20
ND-PLS-0600-...	600	0.17	600	4.50
ND-PLS-0700-...	700	0.15	700	5.60
ND-PLS-0800-...	800	0.13	800	6.80
ND-PLS-0900-...	900	0.11	900	8.40
ND-PLS-1000-...	1000	0.1	1000	10.00

\* - Code example of PLS Ø 152 mm, lgth 2.5 m: ND-PLS-0152-025

# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses

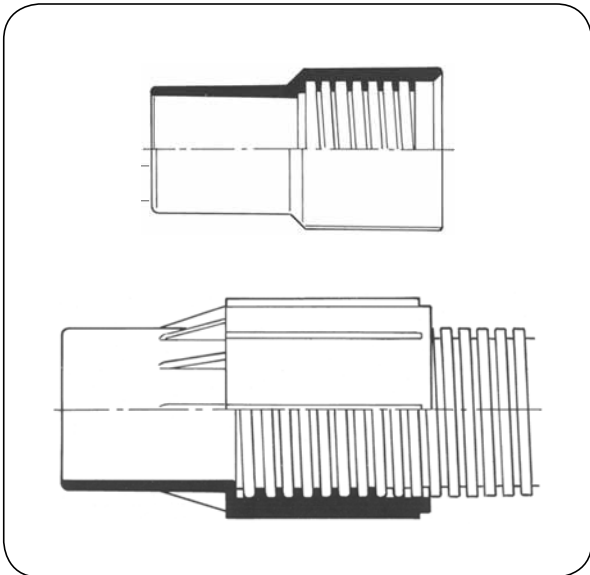


### SUPERELASTIC

**Material:** Two layers of soft PVC with polyester yarn reinforcement  
**Reinforcement:** PVC-coated steel wire helix  
**Working temp.:** From 0°C up to +85°C

Lightweight, highly flexible hose designed for extraction of dust, yarns, polluted air, fumes, etc. Widely used for domestic and industrial vacuum cleaners or as a protection hose.

code	I.D. [mm]	working pressure [bar]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
PA-SUPERELASTIC-25	25	1.7	0.4	25	0.19	15
PA-SUPERELASTIC-32	32	1.5	0.35	32	0.26	15
PA-SUPERELASTIC-38	38	1.4	0.3	38	0.32	15
PA-SUPERELASTIC-41	41	1.4	0.3	41	0.35	15
PA-SUPERELASTIC-44	44	1.3	0.28	44	0.36	15
PA-SUPERELASTIC-51	51	1.3	0.28	51	0.43	15
PA-SUPERELASTIC-63	63	1	0.25	63	0.51	15
PA-SUPERELASTIC-70	70	0.9	0.2	70	0.58	15
PA-SUPERELASTIC-76	76	0.8	0.18	76	0.66	15



### Fittings for SUPERELASTIC hose

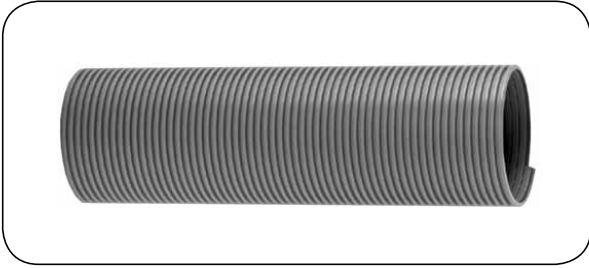
Fittings made of soft plastic designed to thread on to SUPERELASTIC hose.

code	fitting I.D. [mm]	fitting O.D. [mm]
PA-SUPERELASTIC-32K	32	38
PA-SUPERELASTIC-38K	38	45
PA-SUPERELASTIC-51K	50	58



# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



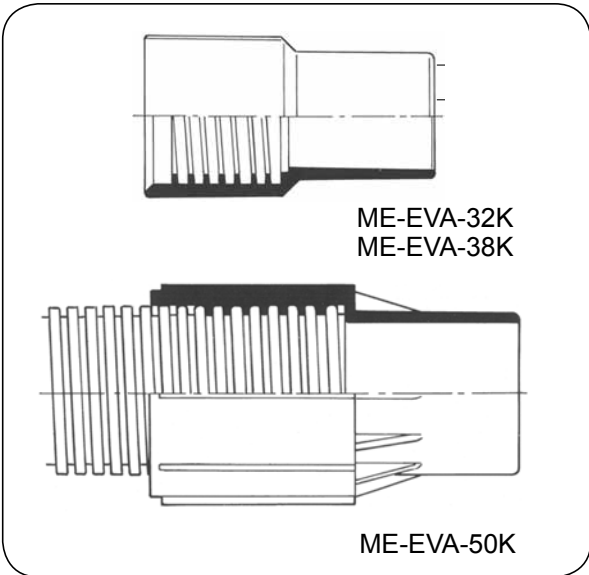
### EVA

**Material:** Ethyl-vinyl acetate

**Working temp.:** From -30°C up to +60°C

Lightweight, very flexible, crushproof and kink-resistant hose designed to extract dust, polluted air and welding fumes. Widely used in industrial vacuum cleaners.

code	I.D. [mm]	O.D. [mm]	vacuum [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
ME-EVA-25	25	33	0.5	66	0.20	30
ME-EVA-29	29	36	0.5	76	0.22	30
ME-EVA-32	32	41	0.5	82	0.27	30
ME-EVA-38	38	48	0.5	93	0.36	30
ME-EVA-45	45	55	0.5	111	0.47	30
ME-EVA-50	50	61	0.5	122	0.56	30
ME-EVA-60	60	72	0.4	146	0.70	30
ME-EVA-75	75	88	0.4	155	0.92	15
ME-EVA-80	80	94	0.4	170	1.00	15



### Fittings for EVA hose

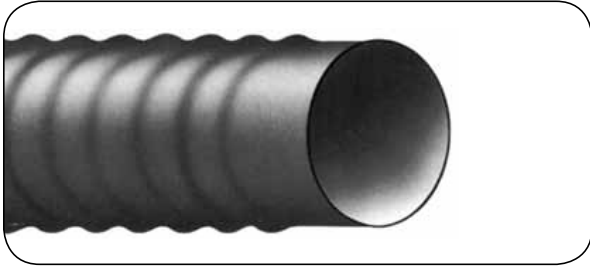
Fittings made of soft plastic designed to thread on to EVA hose.

code	fitting I.D. [mm]	fitting O.D. [mm]
ME-EVA-32K	32	38
ME-EVA-38K	38	45
ME-EVA-50K	50	58



# INDUSTRIAL HOSES - ducting and ventilation

## Special hoses



### KEHRFLEX

**Internal layer:** Corrugated NR rubber  
**Reinforcement:** Steel wire helix  
**External layer:** Corrugated NR/SBR compound  
**Working temp.:** From -30°C up to +70°C

Very lightweight, flexible suction hose designed for road-sweeping and street cleaning machines. Resistant to abrasion, weather conditions and ageing. Delivered with wire-free cuffs at each end (without wire helix).

code	I.D. [mm]	length [mm]	working pressure [bar]	bursting pressure [bar]	vacuum [bar]
BG-KEHRFLEX-203-0750	203	750	1	3	0.3
BG-KEHRFLEX-203-0800	203	800	1	3	0.3
BG-KEHRFLEX-203-1000	203	1000	1	3	0.3
BG-KEHRFLEX-203-1120	203	1120	1	3	0.3
BG-KEHRFLEX-203-1200	203	1200	1	3	0.3
BG-KEHRFLEX-203-1250	203	1250	1	3	0.3
BG-KEHRFLEX-203-2000	203	2000	1	3	0.3
BG-KEHRFLEX-203-2500	203	2500	1	3	0.3
BG-KEHRFLEX-203-3000	203	3000	1	3	0.3
BG-KEHRFLEX-203-3600	203	3600	1	3	0.3
BG-KEHRFLEX-203-3650	203	3650	1	3	0.3
BG-KEHRFLEX-203-4000	203	4000	1	3	0.3
BG-KEHRFLEX-254-1000	254	1000	1	3	0.3
BG-KEHRFLEX-254-1050	254	1050	1	3	0.3
BG-KEHRFLEX-254-1150	254	1150	1	3	0.3
BG-KEHRFLEX-254-1200	254	1200	1	3	0.3
BG-KEHRFLEX-254-1250	254	1250	1	3	0.3
BG-KEHRFLEX-254-1450	254	1450	1	3	0.3
BG-KEHRFLEX-254-1500	254	1500	1	3	0.3
BG-KEHRFLEX-254-1600	254	1600	1	3	0.3
BG-KEHRFLEX-254-1650	254	1650	1	3	0.3
BG-KEHRFLEX-254-1750	254	1750	1	3	0.3



### VACULIFT

**Material:** Neoprene-coated polyester fabric  
**Reinforcement:** Steel wire helix  
**External layer:** Orange protective tape  
**Working temp.:** From -25°C up to +125°C

Lightweight, very flexible hose designed for safe and easy vacuum lifting of several types of loads such as: barrels, bags, packages. Suitable for laying kerbs, slabs, stone plates. Maximum length when unfolded: 4 m. Diameters available in the range of 60 mm to 305 mm. Selecting a hose requires defining the maximum weight of lifted loads - contact Sales Department of TUBES INTERNATIONAL®.